ABSTRACT OF DISCLOSURE

A computer implemented method, apparatus and software for automatically transforming data between Electronic Data Interchange (EDI) formats. For generating EDI documents or messages, a source data model with EDI related data is received. Data is transferred from metadata elements of the source data model to variables of a virtual document, based on a mapping that has been previously made. Data assigned to the variables of the virtual document are then transferred to metadata elements of a target data model. An EDI document or message corresponding to the target data model is automatically created as a result, which includes data from the source document or message.